

**Exam : PDII**

**Title : Salesforce Certified  
Platform Developer II**

**<https://www.passcert.com/PDII.html>**

1.A developer used custom settings to store some configuration data that changes occasionally. However, tests are now failing in some of the sandboxes that were recently refreshed.

What should be done to eliminate this issue going forward?

- A. Set the setting type on the custom setting to List.
- B. Replace custom settings with custom metadata.
- C. Set the setting type on the custom setting to Hierarchy.
- D. Replace custom settings with static resources.

**Answer: B**

2.Consider the following queries. For these queries, assume that there are more than 200,000 Account records. These records include soft-deleted records; that is, deleted records that are still in the Recycle Bin. Note that there are two fields that are marked as External Id on the Account. These fields are Customer\_Number\_\_c and ERP\_Key\_\_c.

Which two queries are optimized for large data volumes? Choose 2 answers

- A. SELECT Id FROM Account WHERE Id IN : aListVariable
- B. SELECT Id FROM Account WHERE Name != " AND IsDeleted = false
- C. SELECT Id FROM Account WHERE Name != NULL
- D. SELECT Id FROM Account WHERE Name != " AND Customer Number c = 'ValueA'

**Answer: A,D**

3.A developer writes a lightning web component that displays a dropdown list of all custom objects in the org from which a user will select Apex method prepares and returns data to the component.

What should the developer do to determine which objects to include in the response?

- A. Check the isCustom ( ) value on the sObject describe result.
- B. Use the getCustomObject ( ) method from the Schema class.
- C. Import the list of all custom objects from @salesforce/schema.
- D. Check the getObjectType ( ) value for Custom' or 'Standard' on the sObject describe result.

**Answer: A**

4.Get Cloudy Consulting (GCC) has a multitude of servers that host its customers' websites. GCC wants to provide a servers status page that is always on display in its call center. It should update in real time with any changes made to any servers. To accommodate this on the server side, a developer created a Server Update platform event.

The developer is working on a Lightning web component to display the information.

What should be added to the Lightning web component to allow the developer to interact with the Server Update platform event?

- A. import { subscribe, unsubscribe, onError } from 'lightning/MessageChannel'
- B. import { subscribe, unsubscribe, onError } from 'lightning/empApi';
- C. import { subscribe, unsubscribe, onError } from 'lightning/pubsub'
- D. import { subscribe, unsubscribe, onError } from 'lightning/ServerUpdate'

**Answer: B**

5.Which two best practices should the developer Implement to optimize this code? Choose 2 answers

- A. Use a collection for the DML statement.

- B. Query the Pricing\_structure\_\_c records outside of the loop.
- C. Change the trigger context to after update, after insert.
- D. Remove the DML statement.

**Answer:** B,D

6.Global with sharing class MyRemoter { public String accountName { get; set; } public static Account account { get; set; } public AccountRemoter() {} @RemoteAction global static Account getAccount (String accountName) { account = [SELECT Id, Name, NumberOfEmployees FROM Account WHERE Name = :accountName]; return account; } } Consider the Apex class above that defines a RemoteAction used on a Visualforce search page.

Which code snippet will assert that the remote action returned the correct Account?

- A. MyRemoter remote = new MyRemoter(); Account a = remote.getAccount ({'TestAccount'});  
System.assertEquals, 'TestAccount', a.Name -;
- B. Account a = MyRemoter.getAccount ('TestAccount');  
System.assertEquals{ 'TestAccount', a.Name };
- C. MyRemoter remote = new MyRemoter('TestAccount');  
Account a = remote.getAccount {};System.assertEquals(, "TestAccount", a.Name -;
- D. Account a = controller.getAccount('TestAccount');  
System.assertEquals(, 'TestAccount', a.Name } ;

**Answer:** B

7.The Account object has a field, auais\_Code\_\_c, that is used to specify what type of auditing the Account needs and a Lookup to User, Ruditor\_\_c, that is the assigned auditor.

When an Account is initially created, the user specifies the Audit\_Code\_\_c. Each User in the org has a unique text field, Rudi. that is used to automatically assign the correct user to the Account's Auditor\_\_c field.

```
trigger AccountTrigger on Account (before insert) {
    AuditAssigner.setAuditor(Triigger.new);
}

public class AuditAssigner {
    public static void setAuditor(List<Account> accounts) {
        for (User u : [SELECT Id, Audit_Code__c FROM User]) {
            for (Account a : accounts) {
                if (u.Audit_Code__c == a.Audit_Code__c) {
                    a.Auditor__c = u.Id;
                }
            }
        }
    }
}
```

What should be changed to most optimize the code's effidency? Choose 2 answers

- A. Build a Map<String, list<Account>> of audit code to accounts,
- B. Add an initial SOQL query to get all distinct audit codes.
- C. Sulld eMepcié, List<String> of Account lç to aucit codes.

D. Add a WHERE clause to the SOQL query to filter on audit codes.

**Answer:** C,D

8. Consider the following code snippet:

A developer created the following test class to provide the proper code coverage for the snippet above:

However, when the test runs, no data is returned and the assertion fails.

Which edit should the developer make to ensure the test class runs successfully?

- A. Enclose the method call within Test.startTest() and Test.stopTest()
- B. Implement the seeAllData=true attribute in the @isTest annotation.
- C. Implement the without sharing keyword in the searchfeature Apex class.
- D. Implement the setFixedSearchResults method in the test class.

**Answer:** D

9. A company has a native iOS app for placing orders that needs to connect to Salesforce to retrieve consolidated information from many different objects in a JSON format.

Which is the optimal method to implement this in Salesforce?

- A. Apex SOAP Callout
- B. Apex REST Callout
- C. Apex SOAP Web Service
- D. Apex REST Web Service

**Answer:** D

10. A business requires that every parent record must have a child record. A developer writes an Apex method with two DML statements to insert a parent record and a child record.

A validation rule blocks child records from being created. The method uses a try/catch block to handle the DML exception.

What should the developer do to ensure the parent always has a child record?

- A. Use Database.insert() and set the allOrNone parameter to true.
- B. Use addError() on the parent record if an error occurs on the child record.
- C. Set a database savepoint to rollback if there are errors.
- D. Delete the parent record in the catch statement when an error occurs on the child record DML operation.

**Answer:** C

11. A developer created an Apex class that updates an Account based on input from a Lightning web component that is used to register an Account. The update to the Account should only be made if it has not already been registered.

```
account = [SELECT Id, Is_Registered__c FROM Account WHERE Id = :accountId];

if (!account.Is_Registered__c) {
    account.Is_Registered = true;
    // ...set other account fields...
    update account;
}
```

What should the developer do to ensure that users do not overwrite each other's updates to the same Account if they make updates at the same time?

- A. Use CastiCase.update(account, false).
- B. Add a try/catch block around the update.
- C. Use upsert instead of update.
- D. Use FOR UPDATE in a SOQL query.

**Answer: A**

12.The test method above tests an Apex trigger that the developer knows will make a lot of queries when a lot of Account are simultaneously updated to be customer.

The test method fails at the Line 20 because of too many SOQL queries

```

Line 1: @isTest
Line 2: static void testMyTrigger()
Line 3: {
Line 4:     //Do a bunch of data setup
Line 5:     DataFactory.setupDataForMyTriggerTest();
Line 6:
Line 7:     List<Account> acctsBefore = [SELECT Is_Customer__c FROM Account WHERE Id IN :DataFactory.accounts];
Line 8:
Line 9:     //Utility to assert all accounts are not customers before the update
Line 10:    AssertUtil.assertNotCustomers(acctsBefore);
Line 11:
Line 12:    //Set accounts to be customers
Line 13:    for(Account a : DataFactory.accounts)
Line 14:    {
Line 15:        a.Is_Customer__c = true;
Line 16:    }
Line 17:
Line 18:    update DataFactory.accounts;
Line 19:
Line 20:    List<Account> acctsAfter = [SELECT Number_Of_Transfers__c FROM Account WHERE Id IN
:DataFactory.accounts];
Line 21:
Line 22:    //Utility to assert Number_Of_Transfers__c is correct based on test data
Line 23:    AssertUtil.assertNumberOfTransfers(acctsAfter);
Line 24: }

Line 17:
Line 18:    update DataFactory.accounts;
Line 19:
Line 20:    List<Account> acctsAfter = [SELECT Number_Of_Transfers__c FROM Account WHERE Id IN
:DataFactory.accounts];
Line 21:
Line 22:    //Utility to assert Number_Of_Transfers__c is correct based on test data
Line 23:    AssertUtil.assertNumberOfTransfers(acctsAfter);
Line 24: }

```

What is the correct way to fix this?

- A. Add Test.startTest() before and Test.stopTest() after both Line 7 of the code and Line 20 of the code.
- B. Change the DataFactory class to create fewer Accounts so that the number of queries in the trigger is reduced.
- C. Add Test.startTest() before Line 18 of the code and add Test.stopTest() after line 18 of the code.
- D. Replace most of the Apex Trigger with Process Builder processes to reduce the number of queries in the trigger.

**Answer: C**

13.A developer is asked to build a solution that will automatically send an email to the Customer when an Opportunity stage changes. The solution must scale to allow for 10,000 emails per day. The criteria to send the email should be evaluated after all Workflow Rules have fired.

What is the optimal way to accomplish this?

- A. Use a Workflow Email Alert.
- B. Use a MassEmailMessage() with an Apex Trigger.
- C. Use a SingleEmailMessage() with an Apex Trigger.
- D. Use an Email Alert with Process Builder.

**Answer:** D

14. A company has reference data stored in multiple custom metadata records that represent default information and delete behavior for certain geographic regions.

When a contact is inserted, the default information should be set on the contact from the custom metadata records based on the contact's address information. Additionally, if a user attempts to delete a contact that belongs to a flagged region, the user must get an error message.

Depending on company personnel resources, what are two ways to automate this? Choose 2 answers

- A. Apex invokeWe method
- B. Remote action
- C. Flow Builder
- D. Apex trigger

**Answer:** C,D

15. A developer has working business logic code, but sees the following error in the test class:

You have uncommitted work pending. Please commit or rollback before calling out.

What is a possible solution?

- A. Rewrite the business logic and test classes with @TestVisible set on the callout.
- B. Set seeAllData to "true" at the top of the test class, since the code does not fail in practice.
- C. Call support for help with the target endpoint, as it is likely an external code error.
- D. Use test.IsRunningTest() before making the callout to bypass it in test execution.

**Answer:** D

16. A company manages information about their product offerings in custom objects named Catalog and Catalog Item. Catalog Item has a master-detail field to Catalog, and each Catalog may have as many as 100,000 Catalog Items.

Both custom objects have a CurrencyIsoCode Text field that contains the currency code they should use. If a Catalog's CurrencyIsoCode changes, all of its Catalog Items' CurrencyIsoCodes should be changed as well.

What should a developer use to update the CurrencyIsoCodes on the Catalog Items when the Catalog's CurrencyIsoCode changes?

- A. An after insert trigger on Catalog that updates the Catalog Items if the Catalog's CurrencyIsoCode is different
- B. An after insert trigger on Catalog Item that updates the Catalog Items if the Catalog's CurrencyIsoCode is different
- C. A Database.Schedulable and Database.Batchable class that queries the Catalog object and updates the Catalog Items if the Catalog CurrencyIsoCode is different
- D. A Database.Schedulable and Database.Batchable class that queries the Catalog Item object and updates the Catalog Items if the Catalog CurrencyIsoCode is different

**Answer:** D

17. A developer is tasked with ensuring that email addresses entered into the system for Contacts and for a Custom Object called Survey\_Response\_\_c do not belong to a list of blacklisted domains. The list of blacklisted domains will be stored in a custom object for ease of maintenance by users. Note that the Survey\_Response\_\_c object is populated via a custom visualforce page.

What is the optimal way to implement this?

- A. Implement the logic in an Apex trigger on Contact and also implement the logic within the Custom visualforce page controller.
- B. Implement the logic in the Custom Visualforce page controller and call that method from an Apex trigger on Contact.
- C. Implement the logic in a helper class that is called by an Apex trigger on Contact and from the Custom Visualforce page controller.
- D. Implement the logic in a Validation Rule on the Contact and a validation Rule on the Survey\_Response\_\_c object.

**Answer: C**

18. A company wants to implement a new call center process for handling customer service calls. It requires service reps to ask for the caller's account number before proceeding with the rest of their call script.

Following best practices, what should a developer use to meet this requirement?

- A. Approvals
- B. Flow Builder
- C. Apex Trigger
- D. Process Builder

**Answer: B**

19. A developer is creating a page in App Builder that will be used in the Salesforce mobile app.

Which two practices should the developer follow to ensure the page operates with optimal performance?

Choose 2 answers

- A. Limit five visible components on the page.
- B. Limit 25 fields on the record detail page.
- C. Limit the number of Tabs and Accordion components.
- D. Analyze the page with Performance Analysis for App Builder.

**Answer: B,D**